

FOULING TOLERANT FIXED BED REACTOR (LAW858)

ABSTRACT OF THE DISCLOSURE

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The invention is directed to a reactor for reacting a feedstock, said reactor comprising, a fixed catalyst bed for reaction of said feedstock, said reactor containing a bypass apparatus disposed within said fixed catalyst bed, said bypass apparatus being aligned with the direction of flow of said feedstock, and wherein said bypass apparatus comprise a cage member comprising a first elongated hollow member having a top wall, sidewalls and a bottom wall, said cage member having openings therein, and a second hollow elongated member for passing said feedstock therethrough, said second hollow elongated member being disposed within and protruding through said top wall of said cage member and wherein said second elongated member extends above said catalyst bed through said cage member.

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